

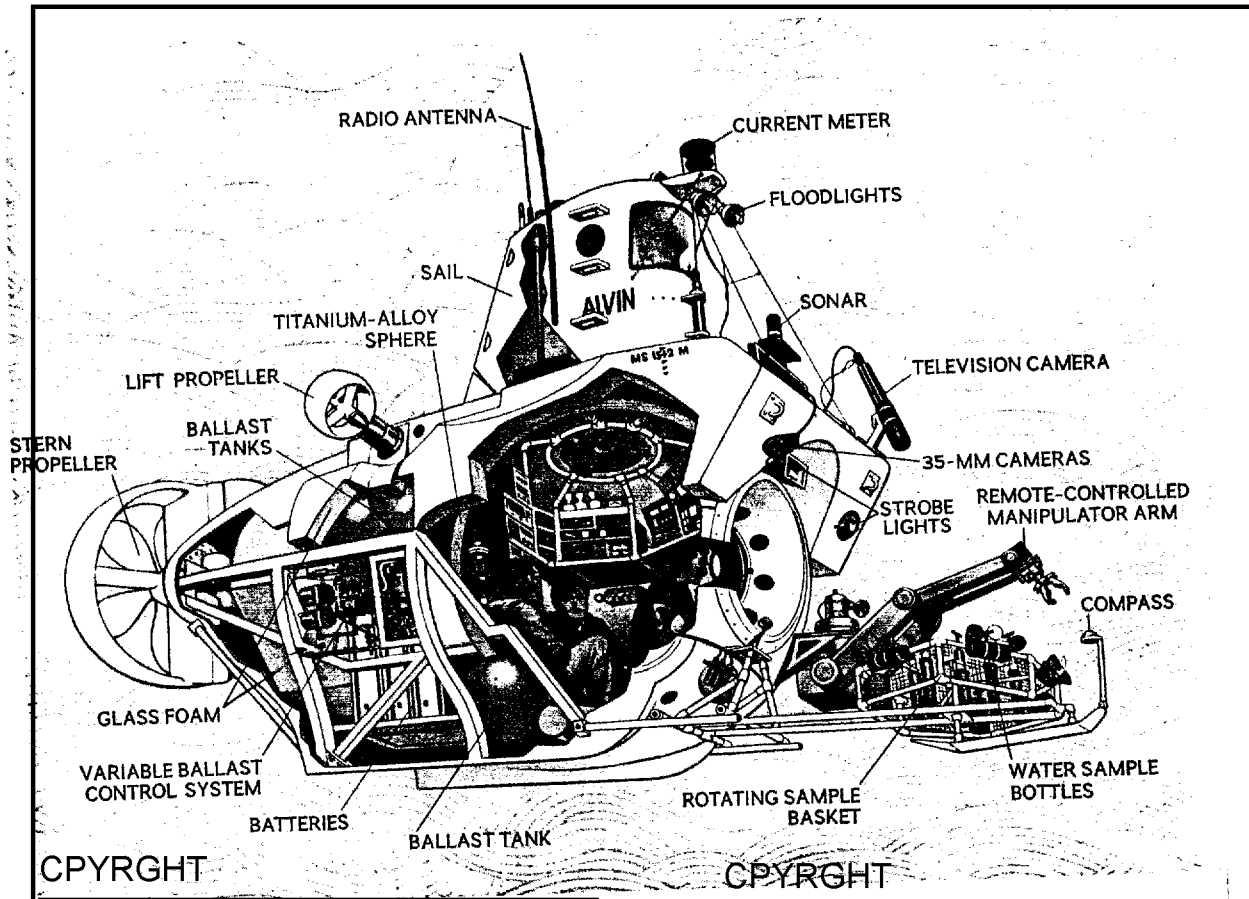
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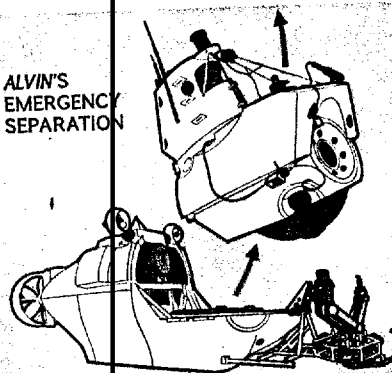
CPYRGHT



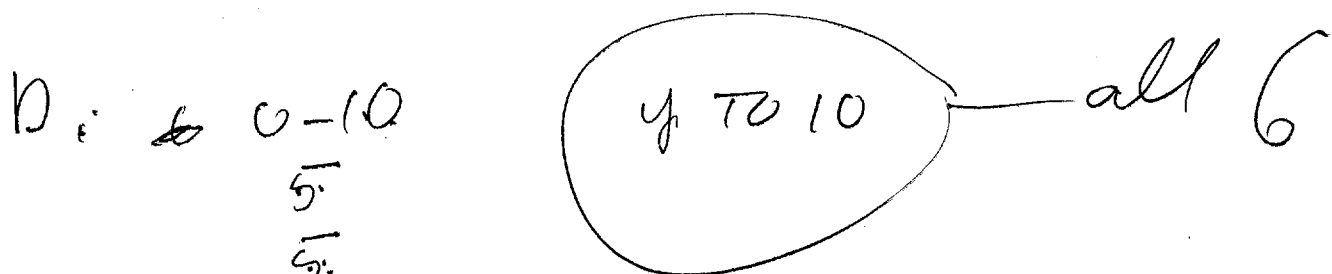
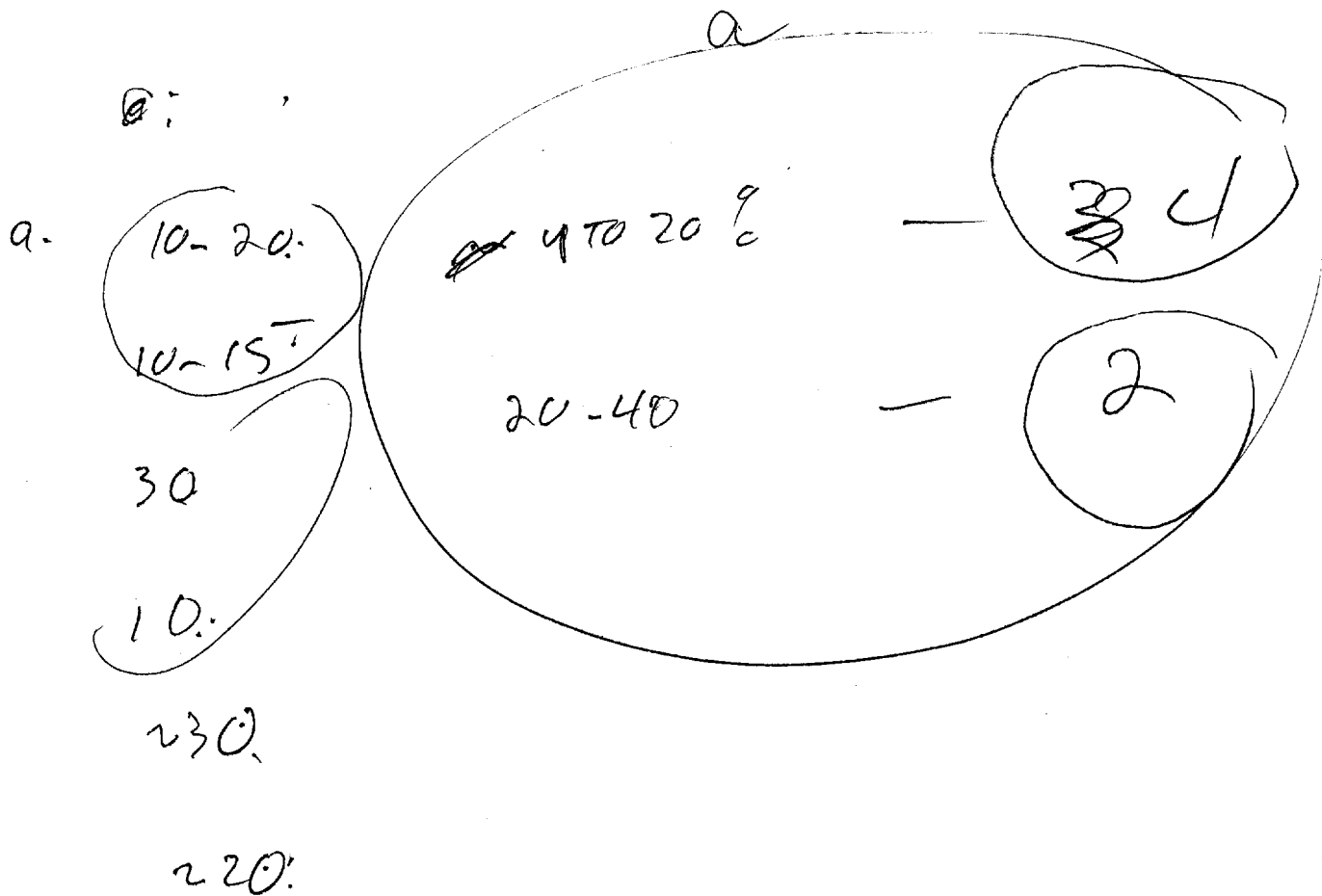
Safety comes first, not comfort, in the manned submersibles that took part in FAMOUS. Each houses its passengers in a sphere, the best shape for withstanding extreme water pressure.

Alvin's new titanium-alloy sphere, only two inches thick, is identical to another that withstood pressure to 22,500 feet when tested by the Navy. Her self-contained variable ballast system (above) depends on pumping water in and out. Should *Alvin* become entangled, her passenger capsule and conning tower, or sail, can disengage and float to the surface (right center).

ALVIN'S
EMERGENCY
SEPARATION



Concepts	Generic	Value
Key Elements		
o Water		'
o Object / Structure		'
o Spherical		'
o Motion / Propulsion		'
o Hard Metal		'
— Analytical Labels		
o Submersible / Submarine		'
o Underwater		'
o Propulsion		'
o Crew	o Phenetics	'Alma'



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